GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA

UNSTARRED QUESTION NO:3189
ANSWERED ON:10.12.2001
CENTRAL REGIONAL SCHEME TO RECHARGE GROUND WATER
SATYAVRAT CHATURVEDI;SUNDER LAL TIWARI

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether the Government have formulated any Central Regional Scheme in regard to recharging of ground water resources;

(b) if so, the projects under which this scheme is being implemented, State-wise; and

(c) the details of funds allotted to each project ?

Answer

THE MINISTER OF WATER RESOURCES (SHRI ARJUN CHARAN SETHI)

(a) Yes, Sir. The Central Ground Water Board(CGWB) underthe Ministry of Water Resources is implementing a pilot Central Sector Scheme on "Studies on Artificial Recharge of Ground Water" in different States in co- ordination with concerned State Government agencies. The Government have earmarked funds amounting to Rs. 25.00 crore for the scheme during the IX Five Year Plan.

(b) & (c) State-wise details of the proposals approved under the scheme are given in enclosed Statement.

STATEMENTREFERRED TO IN REPLY TO PARTS (b) &(c) O F LOK SABHAUNSTARRED QUESTION NO.3189 TO B ANSWERED ON 10-12-2001

State-wise details of approved proposals under the Central Sector Scheme "Studies of Recharge to Ground Water"

STATE/UNION TERRITORIES	Name of the Proposal	Approved cost (Rs. In lakh)
ANDHRA PRADESH	1. Scheme proposed for artificial recharge of ground water in Abhangapatnam village, Koilkonda Mandal, Mahaboobnagar district, AP.	2.50
	2. Scheme proposal for artificial recharge of ground water in Malkapur village, Koilkonda mandal, Mahaboobnagar district, Andhra Pradesh.	2.75
	3. Scheme proposal for Artificial recharge of ground water in Ananthpur village, Koilkonda Mandal, Mahaboobnagar district, Andhra Pradesh.	2.40
	4. Scheme proposal for artificial recharge of ground water in Kesahvapur village, koilkonda mandal, Mahaboobnagar district, Andhra Pradesh.	2.20
	5. Scheme proposal for artificial recharge of ground water in Mallapur village, Andhra Pradesh.	2.90
	6. Project for conservation of water conservation at Khammam district, Andhra Praesh.	30.00
	7. Scheme proposal for Artificial recharge of ground water in Bora Banda Wadika, Thimmannapally H/O Revelly Village, Midjil Mandal, Mahboobnagar District, Andhra Pradesh.	3.00
	8. Scheme proposal for Artificial recharge of ground water in Tekula Kunta Wadika Thimmannapally H/o Revelly Village, Midjil Mandal, Mahboobnagar District, Andhra Pradesh.	4.30

	9. Scheme proposal for Artificial recharge of ground water in Mondoni Kunta Wadika Thimmannapally H/o Revelly Village, Midjil Mandal, Mahboobnagar District, Andhra Pradesh.	1.75
	10. Scheme proposal for Artificial recharge of ground water in Revelly Village, Midjil Mandal, Mahboobnagar District, Andhra Pradesh. SY no.62, check dam across yatakirosi Chelka wadika of 2nd order of stream.	2.75
ASSAM	1. Rain water harvesting in Selected areas of Sonapur Block & Guwahati Area of Kamrup district, Assam.	63.50
BIHAR	1. Project proposal for artificial recharge ground water in Patna University Campus, Patna, Bihar,	5.84
	2. Rain water harvesting at combined building Bhagalpur, Patna, Bihar	4.99
	3. Rain water harvesting at Jawahar Lal Nehru Medical College building, Bhagalpur, Patna, Bihar	4.89
	4. Project for artificial recharge from BalGanga Nala, Rajgir Hill, Navada district, Bihar.	4.68
DELHI	1. Scheme for Artificial recharge to ground water at deen dayal upadhyay hospital, new delhi.	4.55
	2. Artificial recharge scheme in park of D- Block, Vasant Vihar, New Delhi.	5.60
	3. Artificial Recharge Scheme for President Estate, New Delhi.	12.73
	4. Artificial recharge to ground water in Kushak Nala,New Delhi	3.32
	5. Artificial recharge to ground water in Lodi Garden,New Delhi	5.37
	6. Scheme for rain water harvesting in Shram Shakti Bhawan,New Delhi	4.10
	7. Scheme for artificial recharge to ground water at Prime Minister's office, South Block, New Delhi.	5.38
	8. Scheme for artificial recharge to ground water at Vayusenabad, Air force station, Tughlakabad, New Delhi.	5.41
	9. Scheme for Artificial Recharge to Ground water at Tuglak Lane and surrounding area's , New Delhi.	9.36
	10. Aritificial recharge scheme to ground water at Safdargunj Hospital, New Delhi.	8.23
	11. Scheme for Artificial Recharge to Ground water at Meera Bai Polytechnic Campus, Mahrani Bag, New Delhi	1.76
	12. Scheme for artificial recharge to grond water at 5, Janpath Raod, New Delhi.	0.60
	13. Scheme for artificial recharge to ground water at group housing for abhiyan CGHS ltd. Plot - 15 , sector- 12, Dwarka, New Delhi.	0.85
	14. Artificial recharge to ground water at sultangarhi tomb, New Delhi.	6.00
	15. Artificial recharge to ground water to Ryan International School, Sector -C, Pocket 8,Vasnt Kunj, New Delhi.	2.45
	16. Scheme for Artificial recharge to ground water at DTC Central Workshop-II, Okhla, New Delhi.	6.80
GUJARAT	1. Central Sector Scheme for Roof top Harvesting of Rain water at Gujarat High Court Building, Sola, Ahmedabad, Gujarat.	10.30
	2. Proposal for rain water harvesting scheme - IFFCO Residential colony Kasturinagar IFFCO - Sertha, District Gandhinagar, Gujarat.	6.75
	3. Central Sector Scheme for Rain water Harvesting at Physical Research Laboratory, Ahmedabad, Gujarat.	3.00
HARYANA	1. Scheme for artificial recharge to ground water from Brahm sarovar, Kurukshetra town, Haryana.	9.56
	2. Scheme for Artificial Recharge through Shafts in depressions of district Kurukshetra, Haryana.	21.26
	3. Scheme for Artificial Recharge through Roof Top Rain Water Harvesting in DC office, Faridabad, Haryana.	1.70
	4. Scheme for artificial recharge in	7.02

	National Security Guard Campus, Manesar,Haryana.	
	5. Scheme for artificial recharge to ground water through link channel of Hasanpur distributary at Hamidpur bund, Mahandergarh district, Haryana.	29.41
	6. Scheme for artificial recharge to ground water through escape water of JLN canal at Deroli-Ahir Mahenderagarh district, Haryana.	23.30
	7. Scheme for artificial recharge to ground water through water in depression in district Panipat,Haryana	16.96
	8. Scheme for artificial recharge to ground water from Markanda river in Shahabad block, district Kurukshetra, Haryana.	27.91
	9. Scheme for artificial recharge to ground water at Aravalli view Rail Vihar, Sector-56, Gurgaon.	4.27
	10. Artificial recharge to ground water at Gwal Pahari, Gurgaon.	6.35
HIMACHAL PRADESH	1. Pilot scheme for roof top rain water harvesting to recharge ground water in the premises of Executive engineer, IPH division, Indora , Kangra.	1.99
	2. Scheme for irrigation and artificial recahrge through check dam on nallah at village Chalokhar, Hamirpur district,H.P.	6.50
	3. Pilot scheme for artificial recharge through check dam on Bhatti nala in Kathog (Kunli) village, Kangra district,H.P.	11.21
	4. Pilot scheme for roof top rainfall harvesting to recharge ground water in Palanpur town district Kangra,Himachal Pradesh.	2.05
	5. Pilot scheme for artificial recharge through check dam cum ground water dam in Naker Khad village Renta Dhawala tehsil Dehra, district Kangra, H.P.	24.14
	6. Check dam on Suhal Nallah in village Adhwani in Dehra tehsil, Kangra district, H.P.	35.76
JAMMU & KASHMIR	1. Artificial recharge to ground water at Sunghwal in Kandi belt, Jammu district, J&K.	39.60
	2. Scheme for Roof Top Rain Water Harvesting at Nirman Bhawan, panama Chowk, Jammu	5.30
	3. Scheme for Roof Top Rain Water Harvesting at Airport Building, Satvari, Jammu.	5.00
	4. Scheme for artificial recharge to ground water at Dewal in Bilawar Tehsil, Kathua, Jammu.	20.00
	5. Roof top rain water harvesting at Govt higher secondary school Bhalwal,District Kathua, J&K.	9.40
	6. scheme for artificial recharge to ground water at Bhalwal village in Kathua district, J&K	11.53
	7. Artificial recharge project - Jammu action plan for project design and implementation of roof top rain water harvesting at Bhalwal district, Jammu (J&K)	3.00
	8. Artificial recharge project - Jammu action plan for project design and implementation of roof top rain water harvesting at Government women college, Gandhi Nagar, Jammu (J&K)	6.24
	9. Rooftop rainwater harvesting for mata vaishno devi shrine Udhampur district, J&K state	20.00
JHARKHAND	1. Artificial recharge from Kadma Nala at Karma Nala, Block Shikaripara, District Dumka, Patna, Bihar.	3.53
	2. Artificial recharge from Pusaro Nala at Nakti Village, Dumka, Patna, Bihar.	4.10
	3. Artificial recharge from Brahmani Nala at Manjhiara, Dumka, Patna, Bihar	3.68
	4. Artificial recharge from Tepra Nala at Jermundi Block, Dumka, Patna, Bihar.	3.39
	5. Proposal for roof top rain water harvesting in the office building of Central Horticulture (Indian Institute of Horticulture Research, Ranch), Patna, Bihar.	6.74
	6. Project proposal for roof top rain water harvesting for engineers line cantonment	6.60

	area, Ranchi,Bihar	
KARNATAKA	1. Artificial Recharge in Bangalore University Campus".Karnatak.	13.75
KERALA	1. Scheme for construction of subsurface dyke at Ayilam in Trivandrum district, Kerala.	6.25
	2. Recharge well at Printhanam , Kerala (Artificial recharge structure in part of Kottayam district, Kerala.	1.80
	3. percolation tank at Chirakulam,Kerala (Artificial recharge structure in part of Kottayam district, Kerala	7.70
	4. Check dam with tidal regulator at Ayandikadayu, Chirayinkil Trivandrum district, Kerala	15.00
	5. Scheme for artificial recharge structure at Bangalamkulam in Kasargad district, Kerala.	1.55
	6. Scheme proposal for artificial recharge to ground water at Chunnambukalthodu , in Palghat district,Kerala.	17.32
	7. Scheme for artificial recharge structure at Kadapallam in Kasargad district, Kerala State	6.00
	8. Scheme proposal for roof water harvesting in Mayyil Colony, Taliparamba taluk, Kannur, Kerala.	1.80
	9. Scheme proposal for recharge to ground water at naval Academy, Ezhimala, Kannur district, Kerala.	10.20
MADHYA PRADESH	1. Scheme for construction of percolation tank in sikheri village, District Mandsaur, M.P.	8.27
	2. Pilot project for ground water recharge through Roof Top Rain water harvesting in Narmada Water Supply,PHED Colony, Musakhedi,Indore	6.94
	3. Conservation & artificial recharge of ground water in Tumar watershed , Mandsaur block, Mandsaur district,Madhya Pradesh.	23.48
	4. Schem for roof top rain water harvesting for Dewas City, Dewas district, M.P.	6.00
	5. Artificial recharge to ground water in Dewas district,Madhya Pradesh.	9.16
MAHARASHTRA	1. Artificial recharge to ground water in Watershed TE-11 of Jalgaon district, Maharashtra.	74.33
	2. Roof top rain water harvesting at Panchanyat Samiti Office premises, Warud District Amravati, Maharshtra.	0.80
	3. Roof top rain water harvesting in KITS campus, Ramtek, Maharashtra	1.50
MEGHALAYA	1. Scheme for roof top rain water harvesting in Shillong city, Meghalaya.	20.32
MIZORAM	1. Scheme for roof top rain water harvesting in Mizoram.	28.00
NAGALAND	1. Project for rooftop rain water conservation for multipurpose use in Kohima and Mokokchung townships, Nagaland.	70.00
	2. Roof top rain water harvesting and storage in Rengma Area in Nagaland.	10.96
ORISSA	1. Pilot scheme to arrest salinity ingress through ground water recharge in Bhadrak, Kendrapara and Puri districts of Orissa.	592.00
	2. Scheme of rain water harvesting/roof top rain water harvesting in Raj Bhawan Area, Bhubhaneshwar	13.50
	3. Arresting salinity ingress and ground water recharge in Chandbali and Basudevpur blocks of Bhdrak Orissa.	647.00
PUNJAB	1. Scheme for Recharge of sarovar water in Golden Temple area, Amritsar, Punjab.	9.75
	2. Pilot Scheme for Roof Top Rain water harvesting to recharge ground water in Kheti Bhavan, Amritsar town, Punjab.	1.00
	3. Scheme for Artificial Recharge to Ground Water from Dhuri Link Drain in Dhuri Block, District Sangrur, Punjab.	34.20
	4. Pilot project for Artificial Recharge to Ground Water from Village Pond in Village Issru, Khanna Block, District Ludhiana, Punjab.	1.55

	5. Artificial recharge to ground water from Bist Doab canal system in Nurmahal area, district Jallandhar, Punjab	11.62
	6. Artificial Recharge scheme to ground water from Dhuri drain in Sangrur district, Punjab	39.10
	7. Pilot project for artificial recharge from Choe no 1 Bhakhara Main Line Canal near village Dhanetha Samana Block, Patiala, Punjab	11.57
	8. Pilot study for artificial recharge to ground water from Bassain drain in Moga district,Punjab.	29.35
	9. Pilot study for artificial recharge to ground water from Sirhind Choe in Patiala district,Punjab.	30.35
	10. Scheme for artificial recharge to ground water from existing and new rain water harvesting structures, Village Parol Naggal, Block Majri, Tehsil Kharar, District Ropar, Punjab	19.26
	11. Scheme for artificial recharge to ground water by utilising water of existing water harvesting structures (low dams), Village Chhoti Bari Naggal, Majri Block, Tehsil Kharar, District Ropar, Punjab.	17.80
	12. Scheme for artificial recharge to ground water harvesting rain water in Low dam village Majra, Block Majri, Tehsil Kharar, District Ropar, Punjab.	27.85
RAJASTHAN	1. Scheme for construction of subsurface barriers (SSB) at Makhar and Bhagoli village on Kantli river, District Jhunjhunu, Rajasthan.	14.50
	2. Scheme for construction of roof top/pavement rain water harvesting structures for artificial recharge in the office building of CGWB,Western Region ,Jaipur.	3.96
	3. Roof top /pavement rain water run off harvesting at Sinchai Bhawan,Jaipur.	4.90
	4. Roof top rain water harvesting at Chief Minister`s residence,Jaipur.	5.70
	5. Rooftop rain water harvesting at Governor house, Raj Bhavan,Jaipur	5.10
	6. Roof top/ pavement rain water runoff harvseting structures at Rajsthan High Court Jaipur	3.80
	7. Roof top/ pavement rain water runoff harvseting structures at State Secretriate (part-I & part-II),Jaipur.	4.80
	8. Roof top runoff harvesting artificial recharge structures part of Institutional building of MREC, Jaipur	2.10
	9. Roof top/ pavement rain water runoff harvseting at Vitta Bhavan, Jaipur, Rajasthan.	3.90
	10. Roof top/ pavement rain water runoff harvseting at Reserve Bank of India,ram Bagh Circle, Jaipur, Rajasthan.	4.02
	11. Roof top rain water harvsesting structure at ground water department building premises,Jaipur, Rajasthan.	3.02
	12. Concept plan for proejct design and implementation of Roof Top/Pavement Rain water Run-off harvesting structures at officers training school (OTS, Nehru Bhawan), Jaipur, Rajasthan.	11.11
	13. Artificial recharge at College of Technology and Engineering, (CTAE), Udiapur, Rajasthan.	4.50
TAMIL NADU	1. Scheme for construction of subsurface dyke for Artificial recharge/Ground water conservation Nallan Pillai petral of Gingee block, Gingee village, Villupuram district,Tamil Nadu	8.00
	2. Construction of percolation pond at Narasipuram,Alandurai watershed, Coimbatore, Tamil Nadu.	9.90
	3. Construction of percolation pond at Vadipalayam village, Tiruppur Taluk, Coimbatore district, Tamil Nadu.	9.50
	4. Augmentation of ground water through artificial recharge in Vanur Watershed, Villupuram district, Tamil Nadu.	132.93
	5. Construction of a water harvesting	9.20

	structure at 240 Thondamuthur, Coimbatore, Tamil Nadu.	
	6. Formation of a pond in Kosavampalayam village near Arasur in Udumalpet Taluk, Coimbatore, Tamil Nadu.	13.50
	7. Reconsideration of modified scheme on Revitalisation of a percolation pond at Vadapatti village, Virudhunagar district,TamilNadu.	6.51
	8. Scheme for artificial recharge to ground water in Central Leather Research Institute, Chennai, Tamil Nadu.	8.97
UTTARANCHAL	1. Scheme for Artificial Recharge in Thano Micro-watershed at Ramnagar Danda, Thano Reserved Forest, Doiwala Block, District Dehradun.	2.00
UTTAR PRADESH (U.P.)	1. Scheme for Artificial Recharge to Ground Water in Chogawan Area, District Baghpat	8.50
	2. Project proposal for artificial recharge by roof top rain water harvesting at Bhujal Bhavan, Lucknow.	3.77
	3. Project proposal for artificial recharge by roof top rain water harvesting at New Lucknow University Campus, Jankipuram, Lucknow, UP	1.97
	4. Project proposal for artificial recharge by roof top rain water harvesting at Jal Nigam Colony, Indira Nagar, Lucknow, UP	1.97
	5. Scheme for artificial recharge to ground water water through storm water run off in Aligarh city, U.P.	32.76
WEST BENGAL	1. Scheme for Artificial Recharge by Recasting of Channel from Chetua to Jamuna, Pandua Block, District Hoogly, West Bengal	8.79
	2. Artificial Recharge at Khatura Bangar (Kankana Bangar) Over-Developed and Arsenic affected area, parts of Swarup Nagar and Gaighat Blocks, District North 24-Parganas, West Bengal.	38.78
	3. Integrated Approach of Artificial Recharge of Ground Water for Improvement in the Watershed management in the water scarce area of Purulia District, West Bengal.	50.44
	4. Experimental studies for removal of Arsenic from contaminated ground water in Joypur village,Barasat I block,North 24 Parganas, West Bengal	7.36
	5. Study of artificial recharge in different ground water conditions for improvement of watershed management in Midnapore district in the State of West Bengal.	33.32
	6. A Pilot project study to evaluate the effect of roof top rain water harvesting on ground water resource of Salt lake city, West Bengal.	10.83
	7. A pilot study of evaluate the effect of Roof top rain water harvesting on Ground water resources (unconfined shallow aquifer) of Visva Bharati Area, Bolpur, West Bengal	7.65
	8. Roof top rain water harvesting at Baishnabghatapatuli office campus, Calcutta.	10.65
CHANDIGARH	1. Artificial recharge to ground water under central sector scheme in Punjab university, Chandigarh.	2.79
	2. Scheme for Artificial recharge to ground water in Shantikunj area sector -16(Leisure Valley) Chandigarh.	14.31
	3. Scheme for roof top rain water harvesting at Bhu jal bhawan Chandigarh	3.74
	4. Scheme for Artificial recharge to ground water at office of Chandigarh housing board in Sector 9, Chandigarh.	11.47
	5. Scheme for Rain water harvesting at DAV School in Sector 8, Chandigarh.	9.41
	6. Scheme for Artificial recharge to ground water at Technical Teachers Training institute, Sector 26, Chandigarh.	12.13
	7. Scheme for utilising surplus water monsoon runoff for sector 26,27,19,30,20, Chandigarh.	10.38